

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below.

1. (Currently Amended) A coating material curable thermally and with actinic radiation, ~~and comprising~~

(a1) at least one constituent ~~containing~~comprising

(a11) on average per molecule at least two functional groups which contain at least one bond ~~which can be activated~~able with actinic radiation ~~and which serves for crosslinking with actinic radiation and, if desired,~~

~~_____ (a12) at least one isocyanate-reactive group,~~

(a2) at least one thermally curable constituent ~~comprising~~having at least two isocyanate-reactive groups, and

(a3) at least one aromatic polyisocyanate which is free from functional groups (a11), ~~or a mixture of at least one aromatic polyisocyanate which is free from functional groups (a11) and of at least one (cyclo)aliphatic polyisocyanate which is free from functional groups (a11).~~

2. (Currently Amended) The coating material ~~as claimed in~~of claim 1, ~~wherein constituent (a1) further comprises at least one wherein the isocyanate-reactive groups (a12) are selected from the group consisting of hydroxyl groups, thiol groups, primary and secondary amino groups, and imino groups.~~

3. (Currently Amended) The coating material ~~as claimed in~~of claim 1 ~~or 2,~~ wherein the functional groups (a11) ~~are~~comprise carbon-carbon double bonds ~~(“double bonds”).~~

4. (Currently Amended) The coating material ~~as claimed in~~of claim 3, wherein ~~the double bonds are present in~~functional groups (a11) comprise acrylate groups.

5. (Currently Amended) The coating material as ~~claimed in any of claims 21 to~~ 4, wherein the functional groups (a12) are selected from the group consisting of hydroxyl groups, thiol groups, primary amino groups, secondary amino groups, and imino groups.
6. (Currently Amended) The coating material as ~~claimed in any of claims 1 to~~ 5, wherein ~~the oligomers and polymers~~constituent (a2) comprises an oligomer or polymer are selected from the group consisting of (meth)acrylate (co)polymers, polyesters, alkyds, amino resins, polyurethanes, polylactones, polycarbonates, polyethers, epoxy resin-amine adducts, (meth)acrylatediols, partially saponified polyvinyl esters, and polyureas.
7. (Currently Amended) The coating material as ~~claimed in any of claims 1 to~~ 6, wherein constituent (a3) further comprises the weight ratio of aromatic polyisocyanate to (cyclo)aliphatic polyisocyanate free of functional groups (a11) in the mixture (a3) is and the weight ratio of aromatic polyisocyanate to (cyclo)aliphatic polyisocyanate is from 95:5 to 5:95.
8. (Currently Amended) The coating material as ~~claimed in any of claims 1 to~~ 7, wherein the aromatic polyisocyanates (a3) ~~are~~is selected from the group consisting of polyisocyanates based on the technical-grade mixtures of 2,4- and 2,6-tolylene diisocyanate.
9. (Currently Amended) The coating material as ~~claimed in any of claims 1 to~~ 8 7, wherein the (cyclo)aliphatic polyisocyanates ~~are~~is selected from the group consisting of polyisocyanates based on hexamethylene diisocyanate and polyisocyanates based on isophorone diisocyanate.
10. (Currently Amended) The coating material as ~~claimed in any of claims 1 to~~ 9, wherein the coating material further comprises at least one electrically conductive pigment.

11. (Canceled)

12. (Currently Amended) The coating material as ~~claimed in~~of claim 11, wherein the electrically conductive pigment is a mica pigment.

13. (Currently Amended) The coating material as ~~claimed in any of claims 1 to 13,~~ further comprising a transparent filler.

14. (Currently Amended) The coating material as ~~claimed in~~of claim 13, wherein the filler is transparent to UV radiation.

15. (Currently Amended) A process for coating a microporous surfaces, in which the ~~surfaces in question are coated with at least one coating material curable thermally and with actinic radiation, after which the resultant film(s) is (are) cured thermally and with actinic radiation, which comprises using at least one~~comprising applying the coating material as ~~claimed in any of claims 1 to 14~~ to a microporous surface to provide a coated surface, and curing the coated surface thermally and with actinic radiation.

16. (Currently Amended) The process as ~~claimed in~~of claim 15, further comprising drying the coated surface to provide an incompletely cured coating, exposing the incompletely cured coating to actinic radiation to provide a radiation cured coating, and overcoating the radiation cured coating~~wherein the film of the coating material is dried and, preferably in incompletely cured state, is exposed to actinic radiation and immediately overcoated.~~

17. (Currently Amended) The process as ~~claimed in~~of claim 15, further comprising thermally curing the radiation cured coating ~~wherein the film of the applied coating is dried, exposed to actinic radiation, and cured thermally before overcoating.~~

18. (Canceled)

19. (Currently Amended) The process ~~as claimed in~~ of claim 15, further comprising wherein the surfaces in question are coated with

- (1) applying the coating material of claim 1 to a microporous surface to provide a film, wherein the coating material is at least one electrically nonconductive coating material as claimed in any of claims 1 to 9,
- (2) partially curing the the resultant film (1) is partially cured with actinic radiation to provide a part-cured film, and
- (3) overcoating the part-cured film (2) is overcoated with an the electrically conductive two-component coating material or an electrically conductive coating material as set forth in any of claims 10 to 14 to provide an overcoated film, after which and
- (4) curing the overcoated film the resultant electrically conductive film (3) and the part-cured film (2) are jointly cured thermally.

20. (Currently Amended) The process ~~as claimed in any of claims 15 to 19,~~ wherein the microporous surface comprises pores having a size of from 10 to 1500 nm.

21. (Currently Amended) The process ~~as claimed in any of claims 15 to 20,~~ wherein the microporous surfaces ~~are~~ is electrically conductive.

22. (Currently Amended) The process ~~as claimed in any of claims 15 to 21,~~ ~~which is used to coat~~ wherein the microporous surface comprises a components for motor vehicle construction.

23. (Currently Amended) The process ~~as claimed in~~ of claim 22, wherein the components ~~are~~ is at least one of SMCs (Sheet Molded Compounds) or BMCs (Bulk Molded Compounds).

24. (Currently Amended) The process ~~as claimed in any of claims 15 to 23,~~
wherein thermal curing takes place at temperatures of up to 120°C.